

Supporting Information

Mao et al. 10.1073/pnas.1303884110

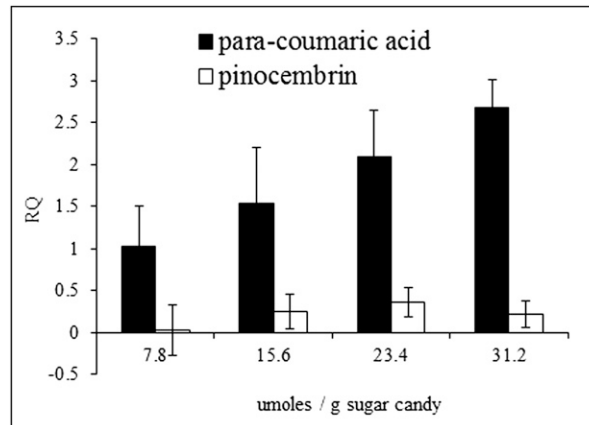


Fig. S1. Assays to determine dose–response range for quantitative RT-PCR analysis of CYP9Q3 up-regulation by putative inducers *p*-coumaric acid and pinocembrin.

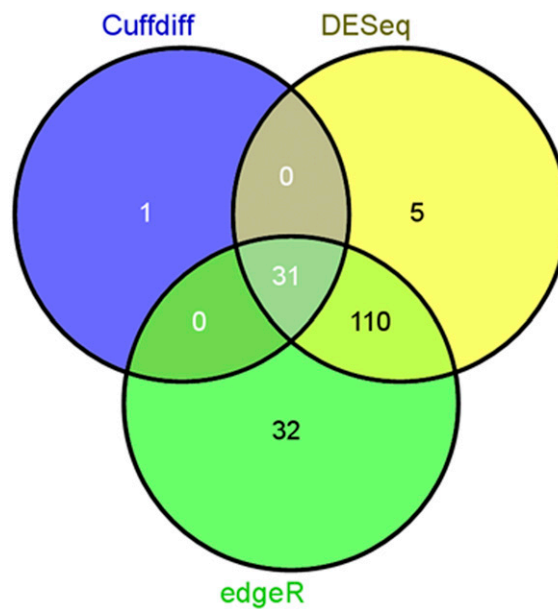


Fig. S2. Depiction of intersecting sets of genes up-regulated by *p*-coumaric acid as determined by massively parallel sequencing of RNA (RNA-seq) of genes and identified by three analytical methods.

Dataset S1. Cuffdiff analysis of differential gene expression in the midguts of honey bees fed with *p*-coumaric acid-containing sugar candy (i.e., CoA) vs. “bee candy”

[Dataset S1 \(XLSX\)](#)

CK, bee candy.

Dataset S2. DESeq analysis of differential gene expression in the midguts of honey bees fed with *p*-coumaric acid-containing sugar candy (i.e., CoA) vs. bee candy

[Dataset S2 \(XLSX\)](#)

Dataset S3. edgeR analysis of differential gene expression in the midguts of honey bees fed with *p*-coumaric acid-containing sugar candy (i.e., CoA) vs. bee candy

[Dataset S3 \(XLSX\)](#)